

Gauri

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WORK EXPERIENCE

ProfitCartel (Frontend Developer)

June 2024 - Present

- Built reusable and maintainable components with Material-UI to ensure consistent design and functionality across the application.
- Implemented dynamic routing and navigation using Next.js to enhance user experience and application performance.
- Optimized application performance through code splitting, lazy loading, and efficient data fetching strategies.

Enord (ROS Intern)

May 2023-August 2023

- Designing, animation and simulation of drones using softwares like Blender, Fusion360 and Gazebo.
- Worked on ROS and Gazebo Simulation.
- Created custom worlds using Blender and Gazebo.

PROJECTS

Industry Management ([GitHub](#))

February 2023

- Developed an EHS solution for Indian industry that ensures healthy working conditions in industries.
- Thermocouple and MQ3 sensors were used to predict machine health. ROS and ROSjs were used to make a GUI.
- MPU sensor was used to make a wristband that detects working hours of a worker.
- **Tech Stack:** Python, YOLO, Socket Programming, ROS, C++, Arduino IDE
- **Hardware:** ESP32, Arduino UNO, MQ-3 sensor, Thermocouple, MPU sensor.

Book Recommender System ([GitHub](#))

March 2024

- Developed and trained a ML model that utilizes KNN algorithm to recommend books.
- It is a collaborative recommendation system.
- **Tech Stack:** Python

Money Maven (In progress) ([GitHub](#))

- Designed an inclusive FinTech solution that empowers them to manage their money effectively and build a secure financial foundation.
- Investment recommendations and retirement planning.
- **Tech Stack:** MERN Stack, Python

ZestAI ([GitHub](#))

- Developed an AI SaaS application capable of generating photo, video, text, music, and code
- Designed and managed databases using Prisma with MongoDB to track API usage and manage user data.
- Implemented mechanisms to track and limit API usage to prevent abuse and ensure fair usage.
- Created a user-friendly and responsive interface using shadcn UI
- **Tech Stack:** Nextjs , NextAuth , MongoDB, Javascript, Axios

EDUCATION

Maharaja Agrasen Institute of Technology, New Delhi, India

2022-2026

Bachelor of Technology in Computer Science and Technology | **CGPA 8.082**

Little Angels School, Sonipat

Senior Secondary School (XII-CBSE) | **95%**

2021-2022

ACHIEVEMENTS & CERTIFICATIONS

LeanInHacks 4.0 hackathon winner at IGDТУW

February 2023

Zero to One hackathon winner at IIITD

April 2023

HackJNU 3.0 hackathon Top 5 at JNU

January 2024

Code Kshetra hackathon winner at JIMS

February 2024

HackBVP 6.0 third position at BVCoE

March 2024

SKILLS AND COMPETENCIES

Languages : Python | Javascript C | Java |

Technologies : ROS | OpenCV | YOLO | Mediapipe | React.js | Next.js | MongoDB | Material UI

Tools: Git and GitHub | Canva | Microsoft Office | Blender

COMMUNITY INVOLVEMENT

Member of [A.T.O.M](#) (Robotics Society of MAIT)

Sept 2023 - Present

- Actively Participate in Society projects and sessions.
- Participated in PR work and lead many projects

Open Source Contribution in GSSoC

October 2023

- Contributed in designing of Home Page and letterhead for 3D designing platform

IT Head of [Rotaract Club of Delhi](#) (Society of MAIT and MAIMS)

June 2023 - June 2024

- Conducted social drives and currently managing social media work.